



The Inaugural ELEVATE Academy

Enhancing Lives and Economic Vitality with Technology and Evidence

November 15 & 16, 2021 | Intercontinental Hotel, Saint Paul, Minnesota

MONDAY, NOVEMBER 15

1:00 – 1:40 pm WELCOME AND INTRODUCTIONS

1:00 – 1:05 pm **Mike McCabe**, Director, CSG-Midwest

1:05 – 1:35 pm **Attendee Introductions**

1:35 – 1:40 pm **André N. Porter**, Policy Director, American Association for the Advancement of Science

Scholars have been provided an assignment that links their interests to the use of data and science in policy. Scholars have 4 minutes (timed) to respond to the inquiry. Responses are spaced through out program.

1:45 – 2:20 pm **CYBERSECURITY 2022 - Aaron Warner**, Chief Executive Officer, ProCircular Cybersecurity **Introduced by Rep. Kristin Bahner**, Minnesota

Representative Kristin Bahner (Minnesota): Tell us about an action, experience, or effort where you used science and communication to convince a constituent, colleague, or employee about an issue, a policy, or legislation.

2:20 – 2:35 pm **BREAK**

Representative Corey Mock (North Dakota): How would you use data to determine whether a technology investment or implementation for the legislature is/was successful?

Senator Annette Sweeney (Iowa): As a rural advocate, use data to convince us to use tax dollars to support farm programs.

2:43 – 4:30 pm **CYBERSECURITY ESCAPE ROOM: EVIDENCE DRIVEN PROBLEM SOLVING**

4:30 – 4:40 pm **BREAK**

Representative Shannon Roers Jones (North Dakota): As a lawyer and a mother, how do teach your daughters how to identify good and bad information on social media?

Representative Tim Reed (South Dakota): You have a background in economic development. Provide an example where you used data to evaluate the success/failure of an economic policy.

Representative Paula Hicks Hudson (Ohio): As a teacher and lawyer, explain why peer-reviewed results are stronger than those that may be popular or scholarly press. How can you tell if something is peer reviewed?

5:00 – 6:00 pm

DISCUSSION ON PUBLIC ATTITUDES - Dietram A. Scheufele, Taylor-Bascom Chair in Science Communication, Vilas Distinguished Achievement Professor at the University of Wisconsin.

Introduced by Rep. Paula Hicks-Hudson, Ohio

6:30 pm

RECEPTION

Representative Katrina Shankland (Wisconsin): You come from an area known for great beer. Tell us how science is involved in brewing.

Representative Joe Miller (Ohio): As a golfer, tell us how you can use data/science to improve our golf scores.

7:00 pm

DINNER

After Dinner

OPEN Q & A With All Speakers

ask your resident experts anything and everything. No holds barred, facts only from those on the front lines.

Moderated by Senator Ken Horn, Michigan

Senator Ken Horn (Michigan): Give us an example of how you would respond to someone who brings false or fake data to you to support a policy.

Senator Janet Peterson (Iowa): You helped start a non-profit focusing on reducing still births. Tell us how data was involved in your work on this issue.

TUESDAY NOVEMBER 16

7:00 – 7:55 am

BREAKFAST

7:55 am

Senator Dale Fowler (Illinois): Are youth today more or less entrepreneurial than in the past? Discuss one policy that data shows has been proven to work to increase youth entrepreneurship?

Senator Reynold Nesiba (South Dakota): Give us an example of how you helped a colleague understand the numbers behind an economic policy.

8:05

SURFACE TRANSPORTATION INFRASTRUCTURE - Hani S. Mahmassani, Director, Northwestern University Transportation Center, Professor, Civil & Environmental Engineering, McCormick School of Engineering & Applied Science

Introduced by Senator Reynold Nesiba, South Dakota

10:10 – 10:25 am

BREAK

Senator Elaine Bowers (Kansas): Rural roads carry 40 percent of the traffic but great than 60 percent of the road fatalities. With evidence, describe one policy that you think has or will make rural roads safer.

Senator Adrian Dickey (Iowa): Using data or science, explain to us why you think self-driving trucks will or will not be the future of the transportation economy.

10:35 am

WORKFORCE PREPAREDNESS – Tom Tubon, Chief Workforce Development Officer, BioIndustrial Manufacturing and Design Ecosystem (BioMADE) Manufacturing Innovation Institute.

10:50 am

EDUCATION AND WORKFORCE DEVELOPMENT FOR SKILLED TECHNICAL WORKERS

Representative Joyce Mason (Illinois): Provide an example of how data is used to evaluate people in the workplace.

Representative Lisa Subeck: (Wisconsin) How have you needed to use data to convince others to support a local, regional, or state economic policy?

11:10 am

IMPORTANCE OF PUBLIC-PRIVATE PARTNERSHIPS AND NETWORKING FOR BIOECONOMIC DEVELOPMENT AND COMMERCIALIZATION

Senator Carol Blood (Nebraska): Tell us about a public-private partnership in which you were involved. Was data involved?

Senator Sylvia Santana (Michigan): Discuss one tool that is important for small business owners to possess to grow their business.

11:30 am

EDUCATION AND WORKFORCE DEVELOPMENT IN EMERGING TECHNOLOGIES – POLICY IMPACT 4S: SAFETY, SECURITY, SUSTAINABILITY, AND SOCIAL RESPONSIBILITY

Representative Paul Anderson (Minnesota): The news today says that because costs are going up for farmers, food will be more expensive. Tell us non-farmers, using data, if it is the farmers' fault for rising food costs.

Senator Kevin Kinney (Iowa): Explain how you use evidence and data to decide on a farming practice.

12:45 pm

LUNCH, OPEN DISCUSSION, PROGRAM EVALUATION

Moderated by Senator Carolyn McGinn, Kansas

Carolyn McGinn (Kansas): Explain why honest, continual evaluation of a policy or program is important, and use a real-world example.